AUTODOC CLUB

How to change front brake pads on **Nissan Qashqai J10** – replacement guide

VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
NISSAN X-TRAIL (T31) 2.0 dCi FWD, NISSAN Qashqai / Qashqai +2 I (J10, NJ10) 1.5 dCi, NISSAN Qashqai / Qashqai +2 I (J10, NJ10) 1.6, NISSAN Qashqai / Qashqai +2 I (J10, NJ10) 2.0, NISSAN Qashqai / Qashqai +2 I (J10, NJ10) 2.0 All-wheel Drive, NISSAN Qashqai / Qashqai +2 I (J10, NJ10) 1.6 dCi All-wheel Drive, NISSAN Qashqai / Qashqai +2 I (J10, NJ10) 1.6 dCi, NISSAN MAXIMA (A35) 3.5, NISSAN Qashqai / Qashqai +2 I (J10, NJ10) 2.0 dCi, NISSAN Qashqai / Qashqai +2 I (J10, NJ10) 2.0 dCi All-wheel Drive, NISSAN X-TRAIL (T31) 2.0 dCi, NISSAN X-TRAIL (T31) 2.0, NISSAN X-TRAIL (T31) 2.0 dCi 4x4, NISSAN X-TRAIL (T31) 2.5 4x4, NISSAN X-TRAIL (T31) 2.0 FWD, (+ 17)

The steps may slightly vary depending on the car design.

REPLACEMENT: BRAKE PADS – NISSAN QASHQAI J10. TOOLS YOU MIGHT NEED:



- Wire brush
- Nylon cleaning brush
- WD-40 spray
- All-purpose cleaning spray
- Brake cleaner
- Anti-squeal paste
- Copper grease
- Torque wrench
- Combination spanner #17
- Drive socket # 14
- Wheel impact socket #21
- Ratchet wrench
- Brake caliper wind back tool
- Crow bar
- Wheel chock

BUY TOOLS

Replacement: brake pads – Nissan Qashqai J10. Tip from AUTODOC experts:

- Perform the replacement of brake pads in complete set for each axis. This provides effective braking.
- The replacement procedure is identical for all brake pads on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: BRAKE PADS – NISSAN QASHQAI J10. TAKE THE FOLLOWING STEPS:

1 Open the bonnet. Unscrew the brake fluid reservoir cap.



2 Secure the wheels with chocks.

3 Loosen the wheel mounting bolts. Use wheel impact socket #21.



4 Raise the front of the car and secure on supports.



5 Unscrew the wheel bolts.



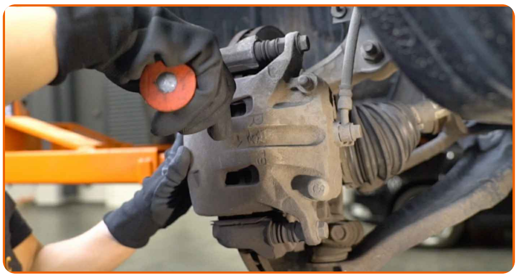
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. Nissan Qashqai J10

6 Remove the wheel.



7 Spread the brake pads. Use a crowbar.



8 Clean the brake caliper fasteners. Use a wire brush. Use WD-40 spray.



9 Unscrew the brake caliper fastening. Use a combination spanner #17. Use a drive socket #14. Use a ratchet wrench.



10 Remove the brake caliper.



Replacement: brake pads – Nissan Qashqai J10. Professionals recommend:

- Tie the caliper to the suspension or to the body with a wire without disconnecting from the brake hose to prevent depressurization of the brake system.
- Make sure that the brake caliper is not hanging on the brake hose.
- Don't press the brake pedal after the brake caliper has been removed. As a result, the piston can fall out from the brake cylinder, and brake fluid leakage and depressurization of the system may occur.
- Check the brake caliper bracket, brake caliper guide pins and boots. Clean them. Replace, if necessary.

11 Remove the brake pads. Use a crowbar.

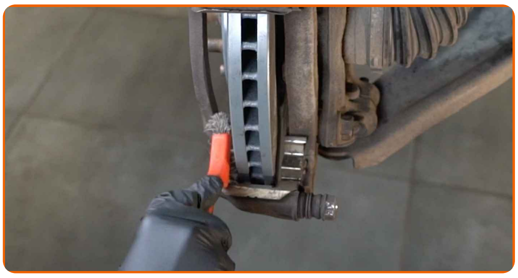


AUTODOC recommends:

- Measure the brake disc thickness. Upon reaching the wear limit the part must be replaced.

12

Clean the brake caliper bracket from dirt and dust. Use a wire brush. Use all-purpose cleaning spray.



13

Treat the brake pads in the area where their surface comes into contact with the brake caliper bracket. Use anti-squeal paste.



Replacement: brake pads – Nissan Qashqai J10. Tip:

- Make sure the disc surface is clean before installing the pads.

14

Install new brake pads.



Replacement: brake pads – Nissan Qashqai J10. AUTODOC recommends:

- Make sure the pads are installed with linings facing the disc.

15 Treat the brake caliper piston. Use a nylon cleaning brush. Use a brake cleaner.



AUTODOC recommends:

- Replacement: brake pads – Nissan Qashqai J10. After applying the spray, wait a few minutes.

16 Press in the brake caliper piston. Use brake caliper wind back tool.



17 Install the brake caliper and fix it. Use a combination spanner #17. Use a drive socket #14. Use a torque wrench. Tighten it to 34 Nm torque.



18 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



19 Clean the brake disk surface. Use a brake cleaner.



Replacement: brake pads – Nissan Qashqai J10. AUTODOC experts recommend:

- After applying the spray, wait a few minutes.

20 Install the wheel.



AUTODOC recommends:

- Important! Hold the wheel while screwing in the fastening bolts. Nissan Qashqai J10

21 Screw in the wheel bolts. Use wheel impact socket #21.



22 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #21. Use a torque wrench. Tighten it to 112 Nm torque.



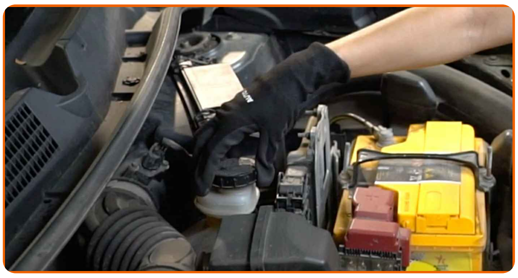
23 Remove the jacks and chocks.



AUTODOC recommends:

- Important! Replacement: brake pads – Nissan Qashqai J10. Check the brake fluid level in the reservoir and top up if necessary.

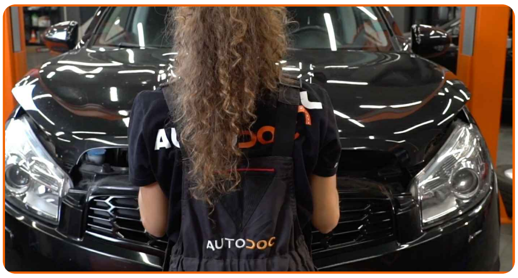
24 Tighten the brake fluid reservoir cap.



Replacement: brake pads – Nissan Qashqai J10. AUTODOC experts recommend:

- Without starting the engine, press the brake pedal several times until you feel significant resistance.

25 Close the hood.



Replacement: brake pads – Nissan Qashqai J10. Tip from AUTODOC experts:

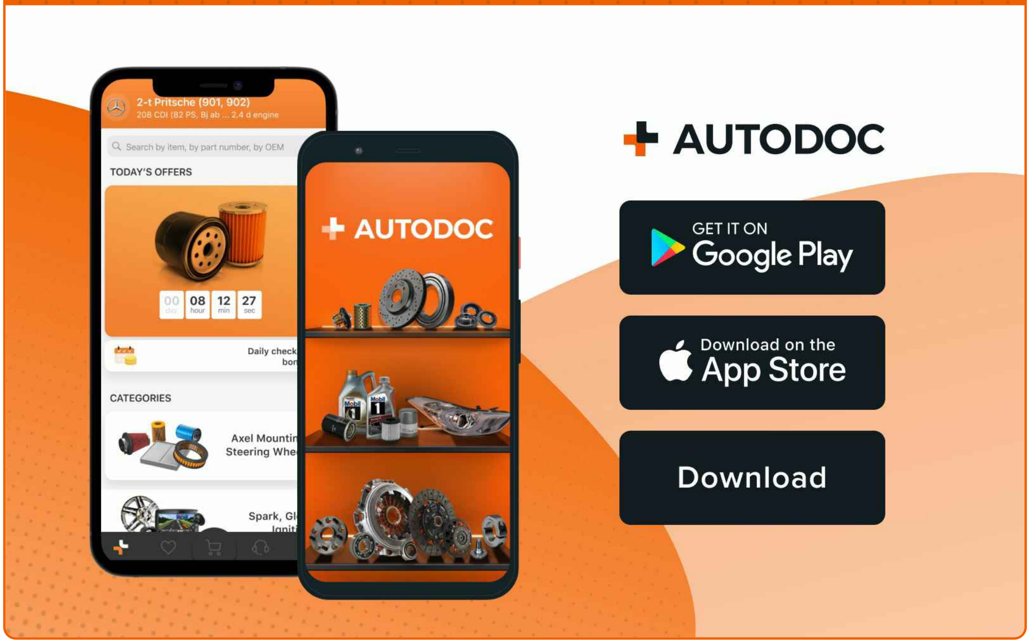
- Slow down smoothly for first 150-200 km after the brake pads replacement. Avoid unneccessary and sharp braking to a stop.

WELL DONE!

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